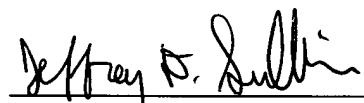


REMARKS

The specification has been amended to claim priority to U.S. Patent Application Serial No. 10/058,575, filed January 28, 2002, which claims a priority date of January 26, 2001. Original Figures 1-20 have been replaced with new Figures 1-20, filed herewith as formal drawings. Claims 1-17 have been canceled without prejudice to the prosecution of the subject matter in other patent applications. It is respectfully asserted that no new matter has been added to the present application.

Respectfully submitted,



Jeffrey D. Sullivan
Patent Office Reg. No. 43,170

Attorney for Applicants

Baker Botts, L.L.P.
30 Rockefeller Center
44th Floor
New York, New York 10112

Tel.: (212) 408-2500
Fax.: (212) 408-2501



FIG. 1A

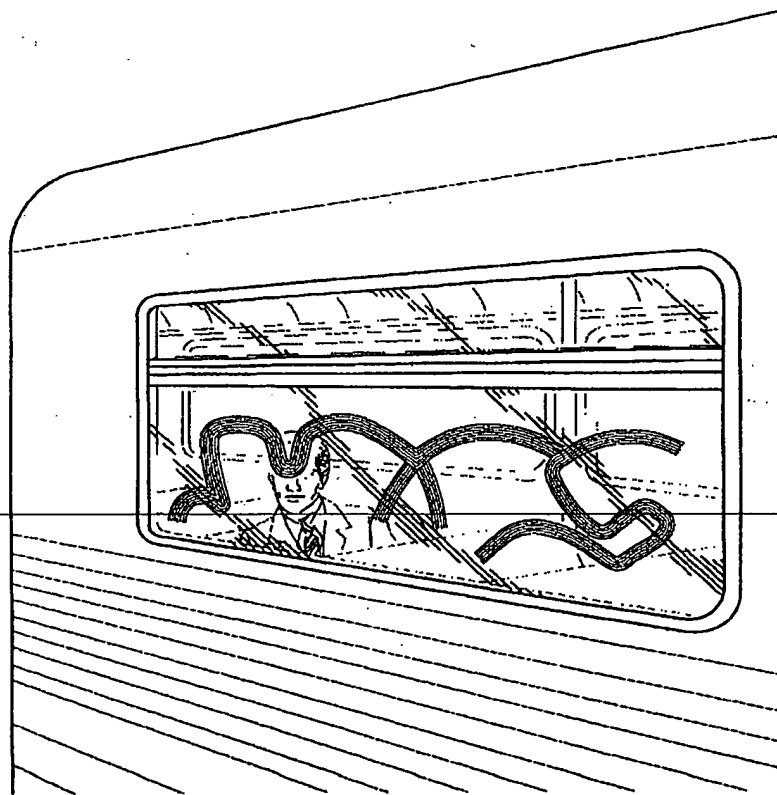


FIG. 1B

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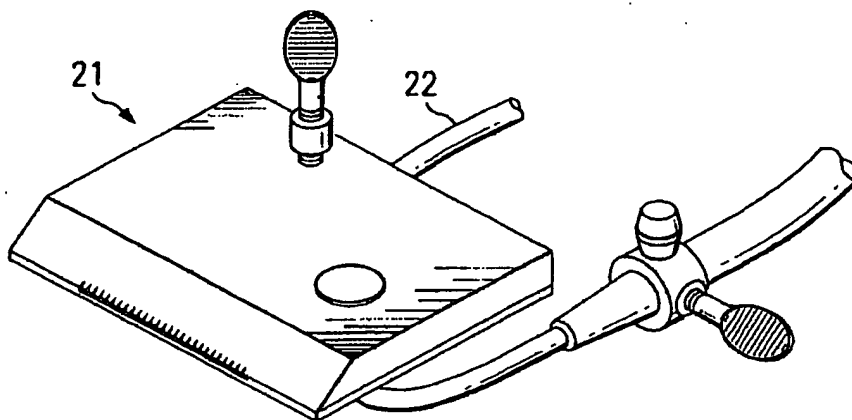


FIG. 2

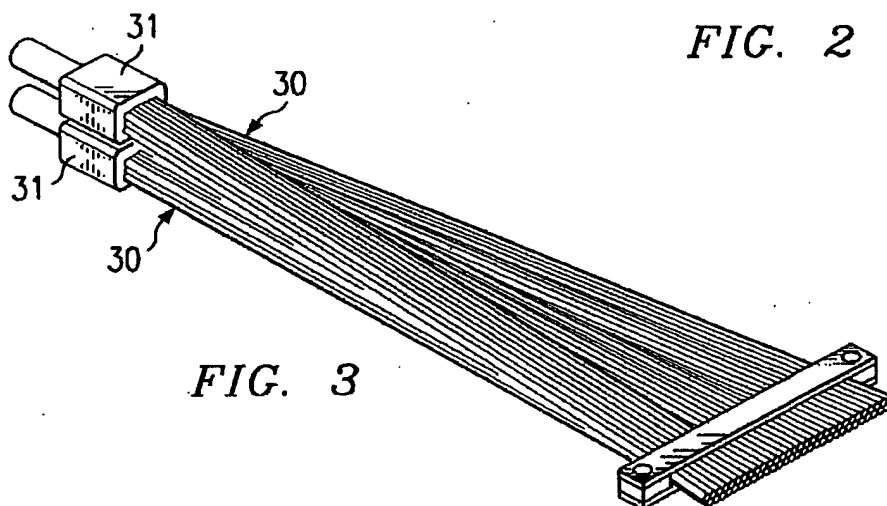


FIG. 3

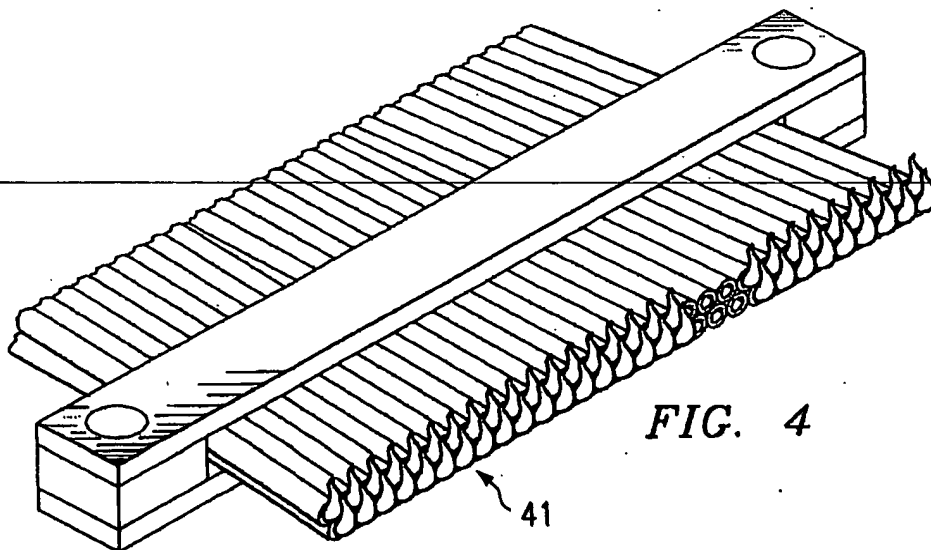


FIG. 4

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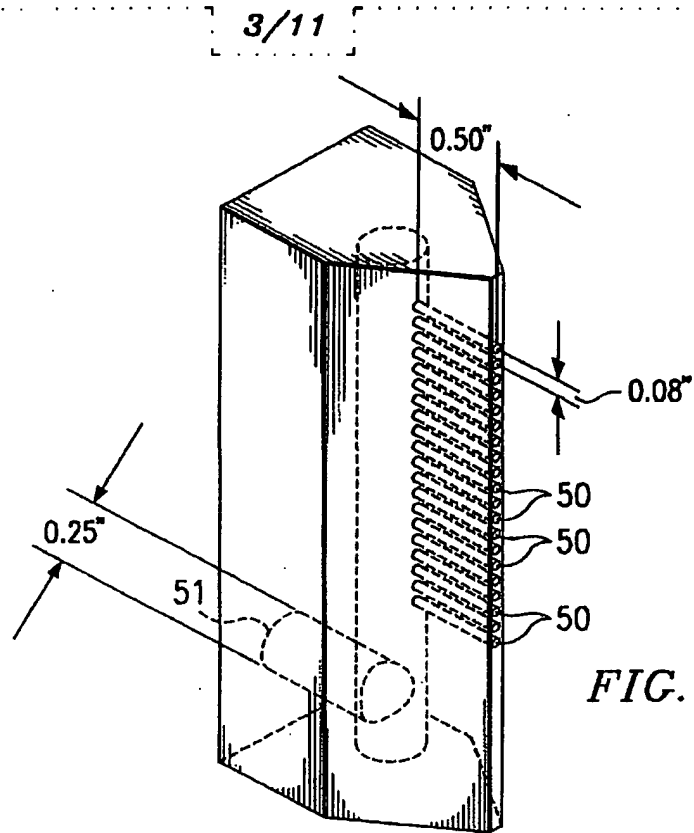


FIG. 5

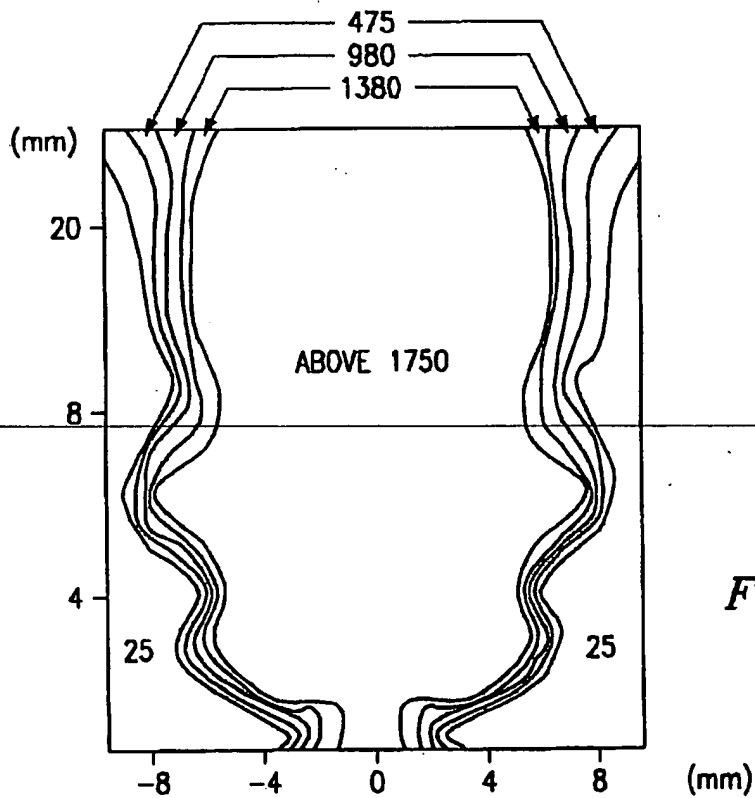
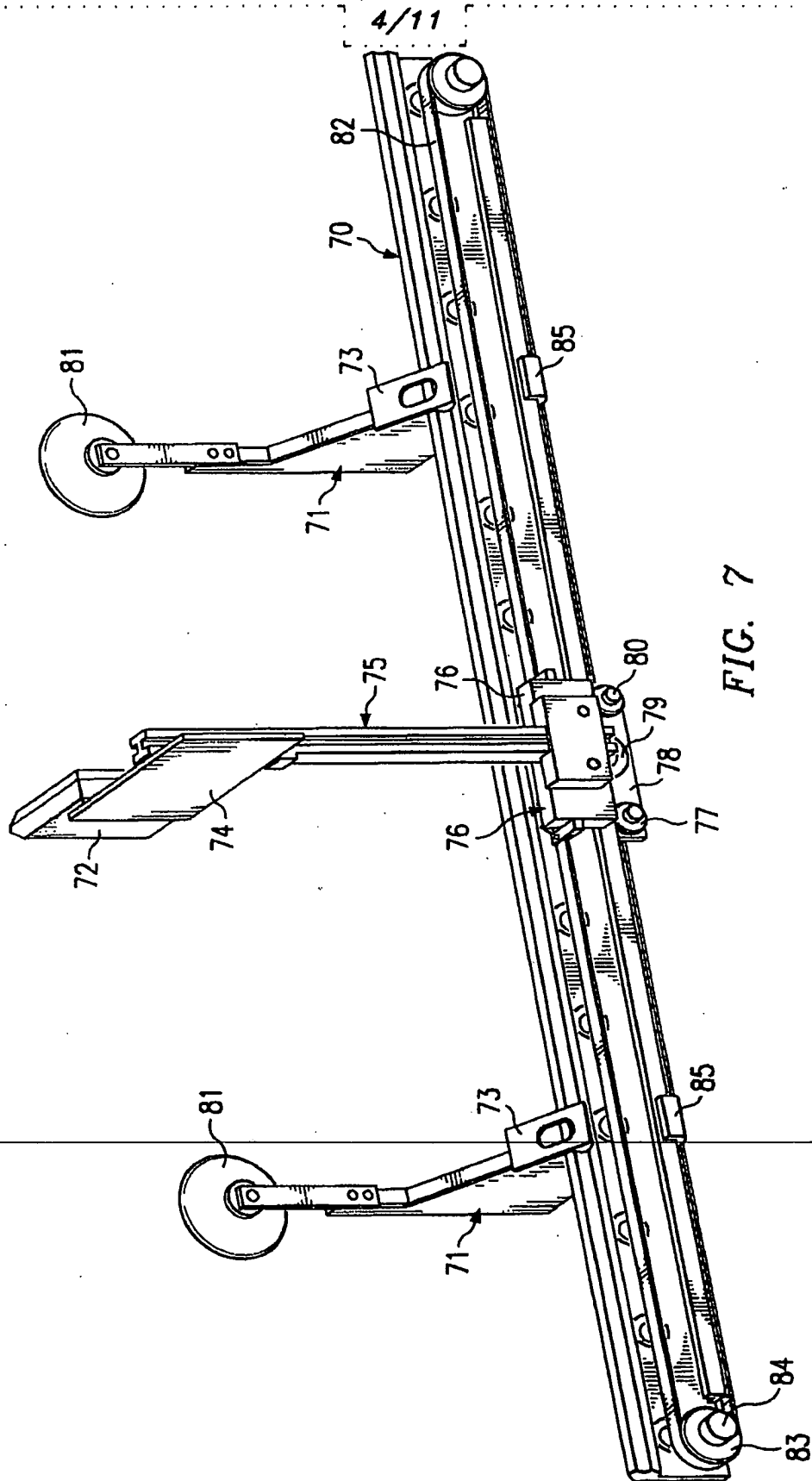


FIG. 6

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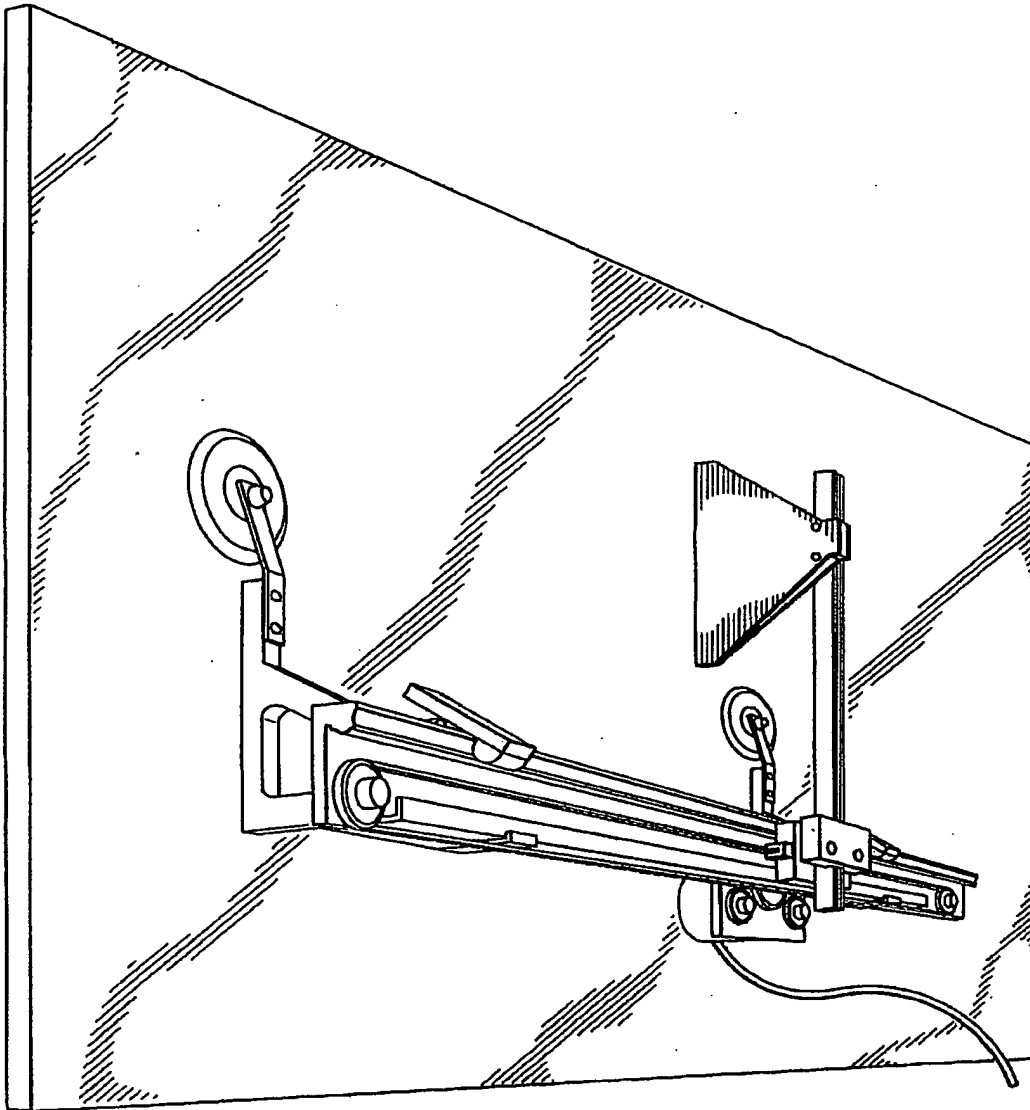


FIG. 8

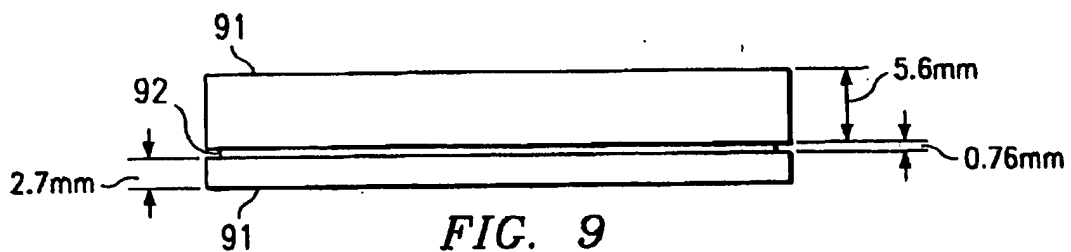


FIG. 9
(PRIOR ART)

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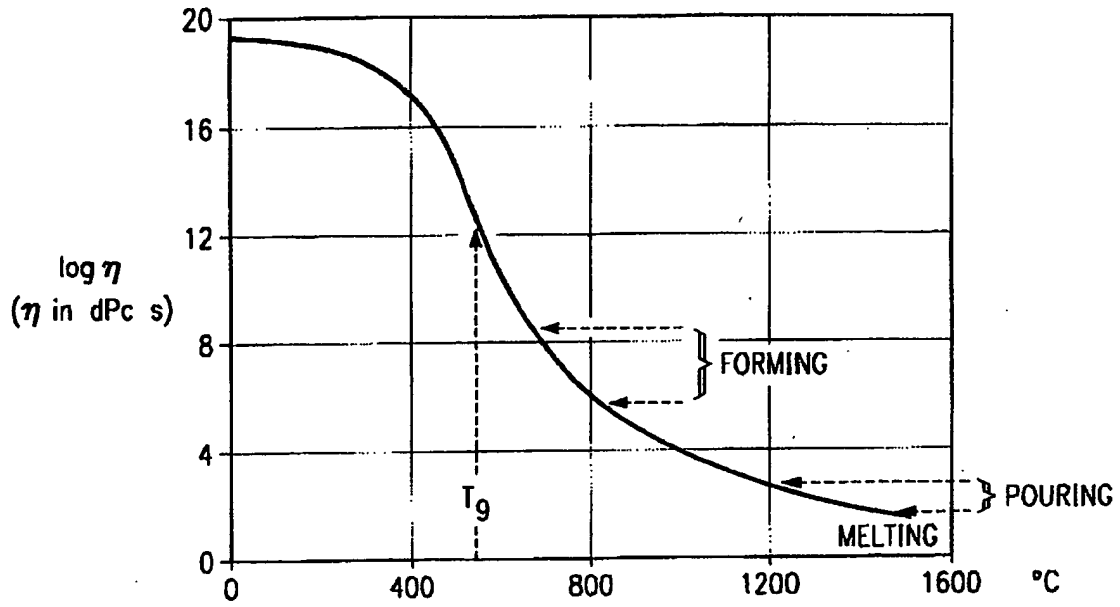


FIG. 10

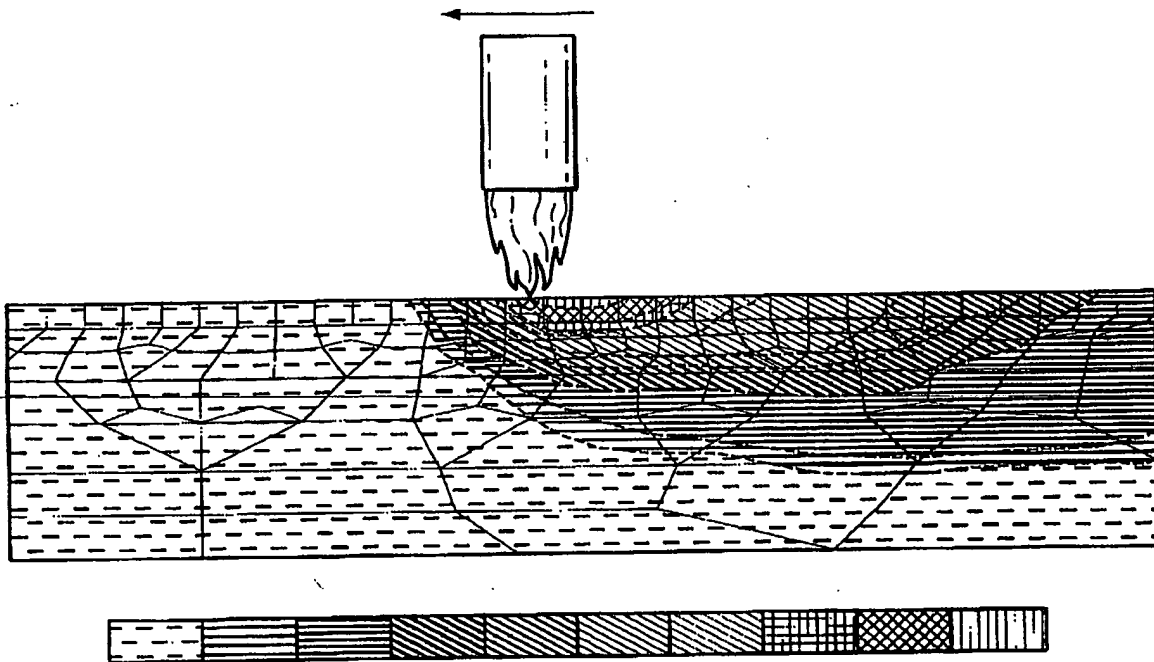


FIG. 12

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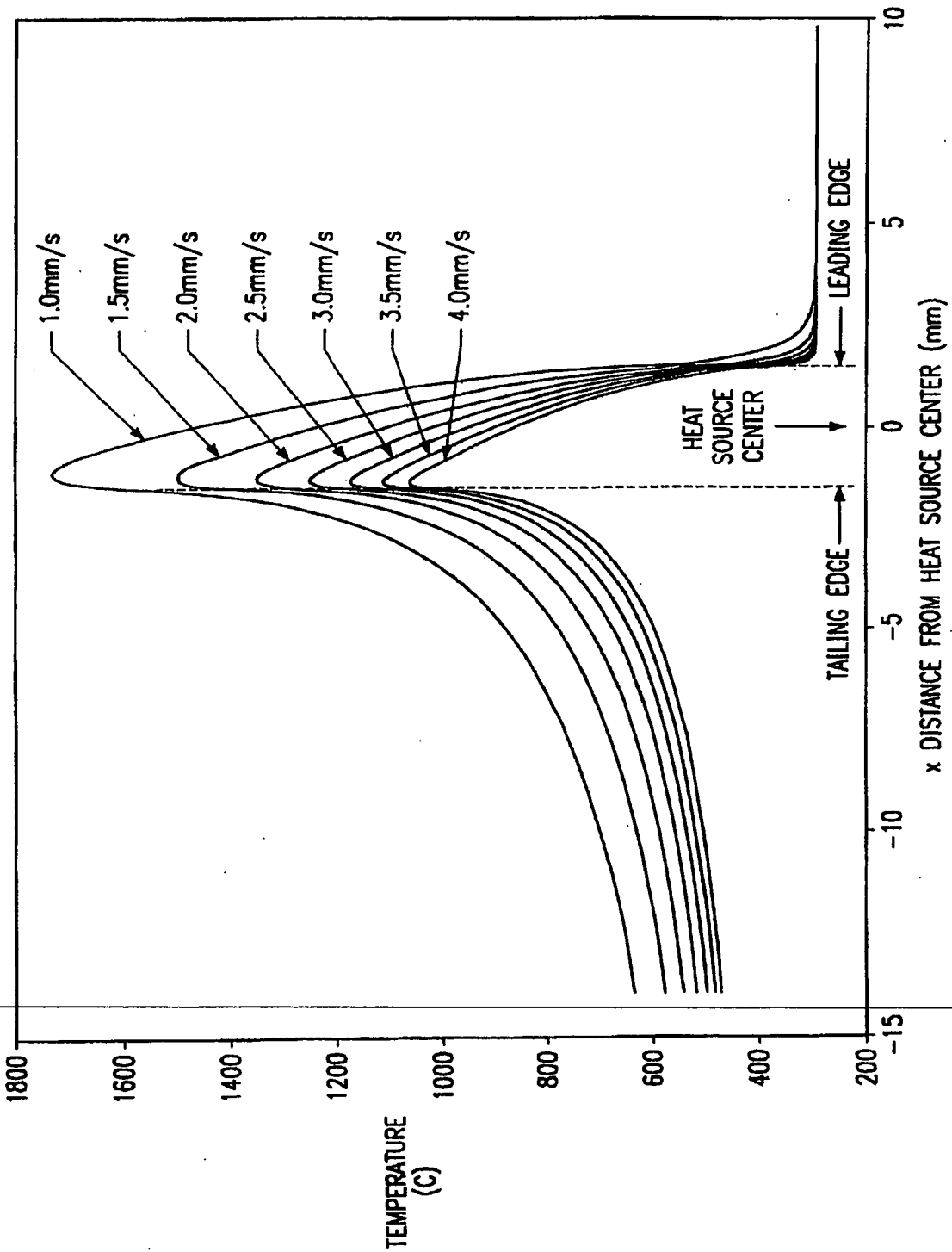


FIG. 11

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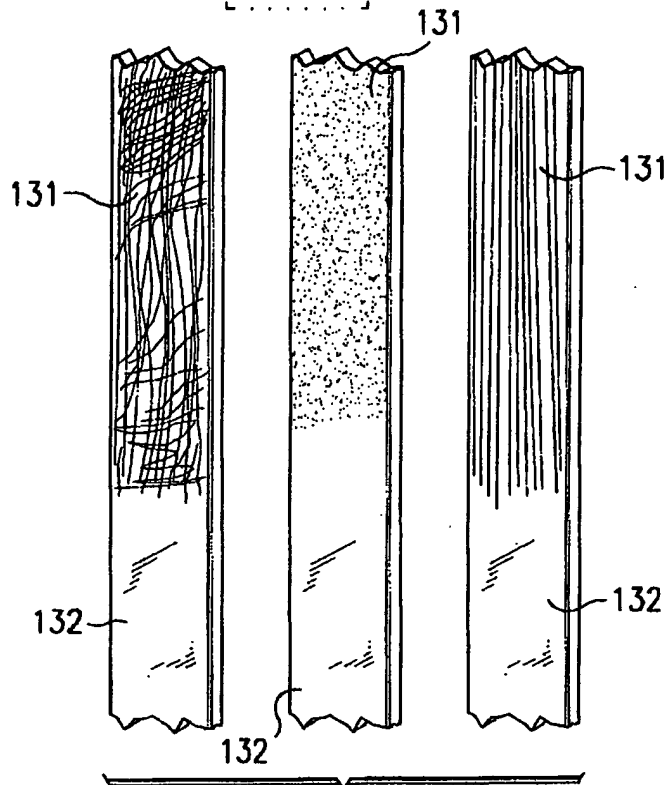


FIG. 13

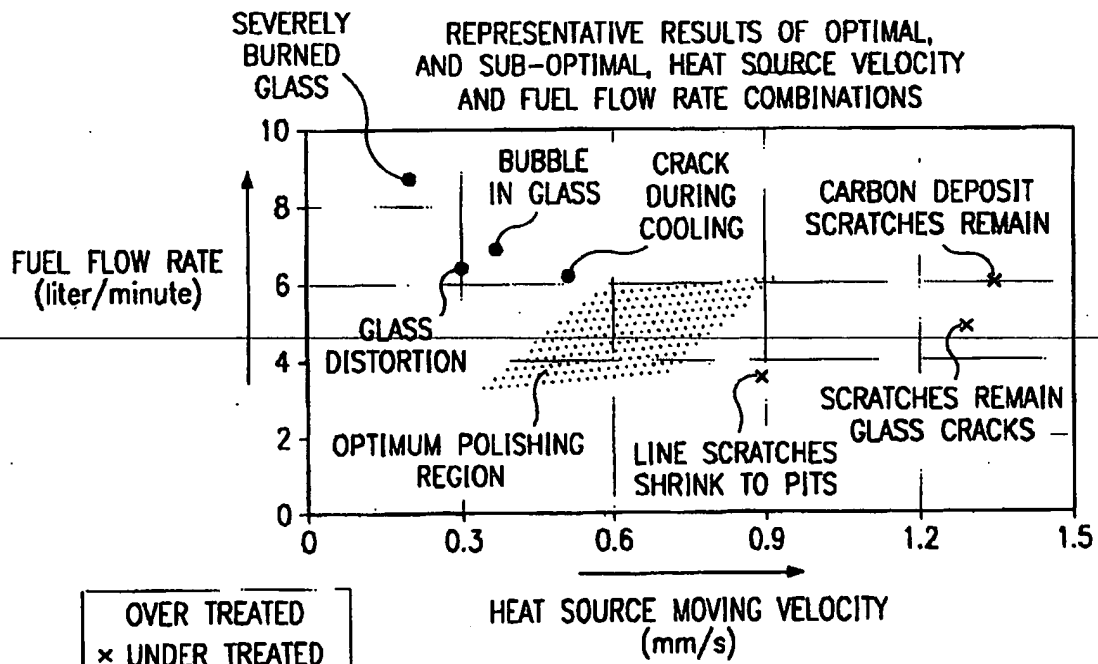
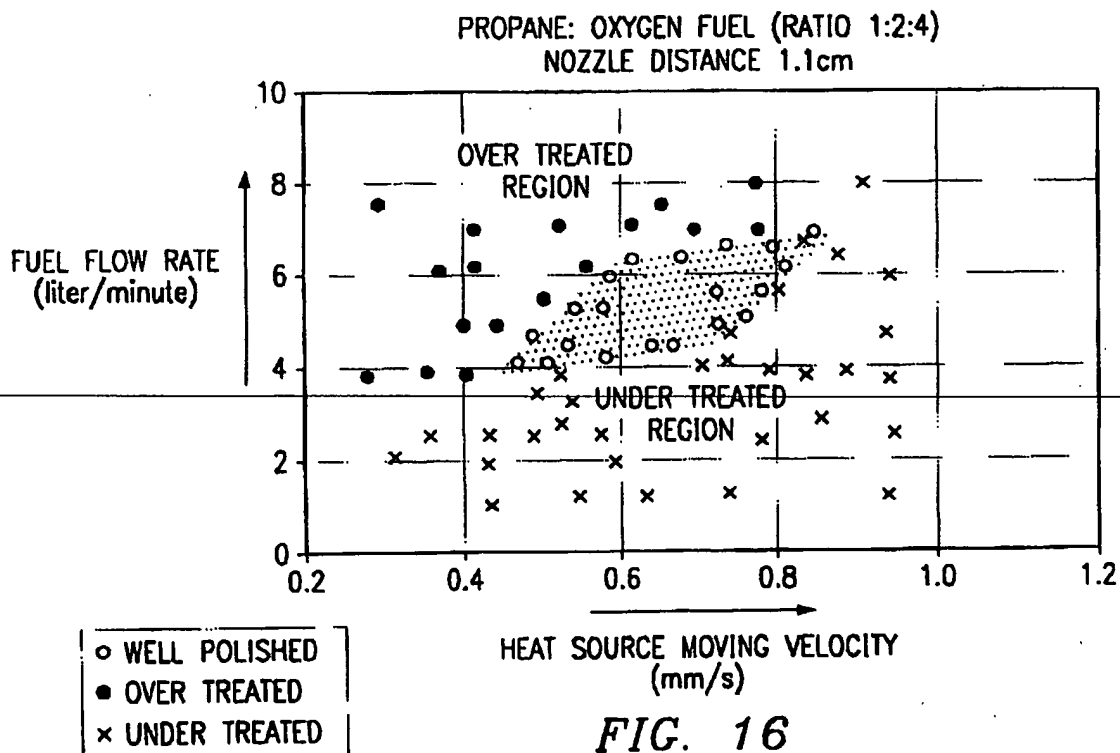
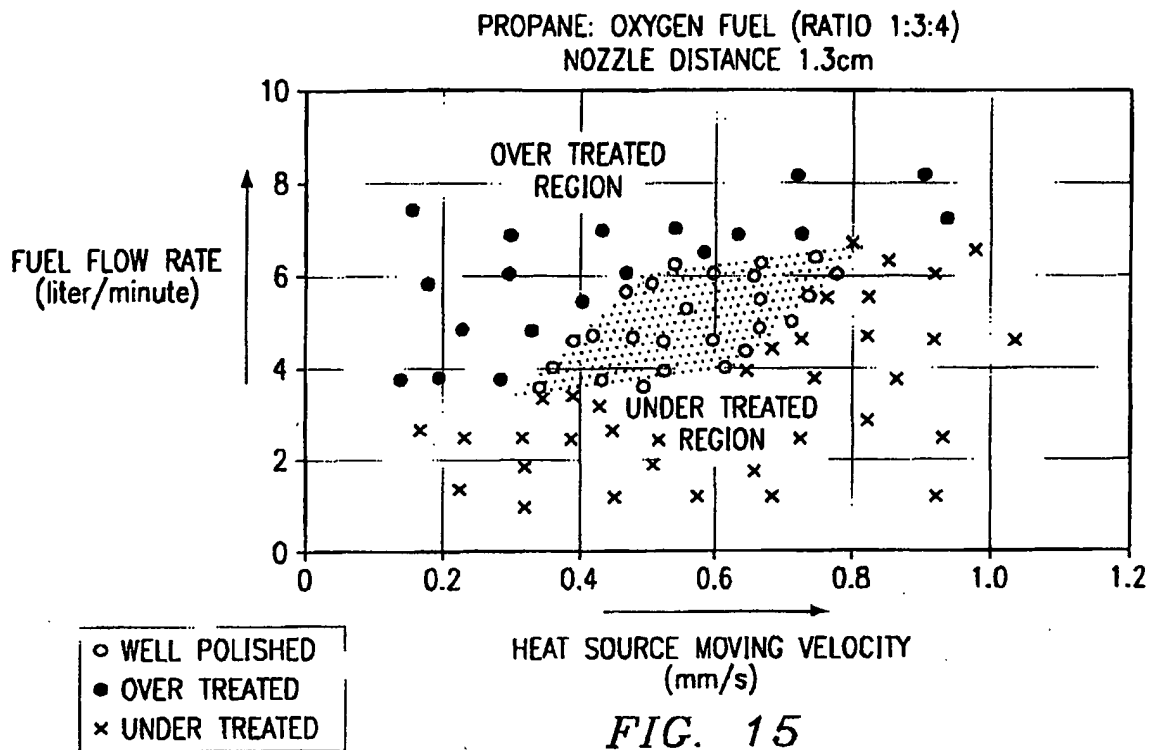


FIG. 14

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PROPANE: OXYGEN FUEL (RATIO 1:3:9)
NOZZLE DISTANCE 1.0cm

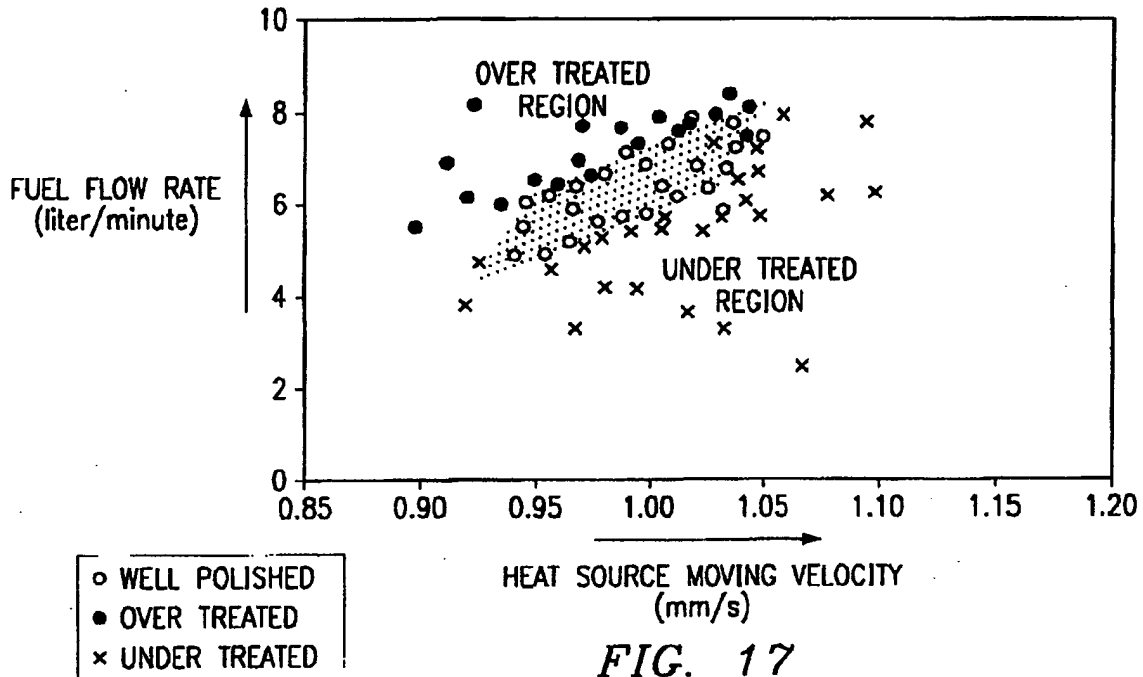


FIG. 17

PROPANE: OXYGEN FUEL (RATIO 1:3:3)
NOZZLE DISTANCE 0.9cm

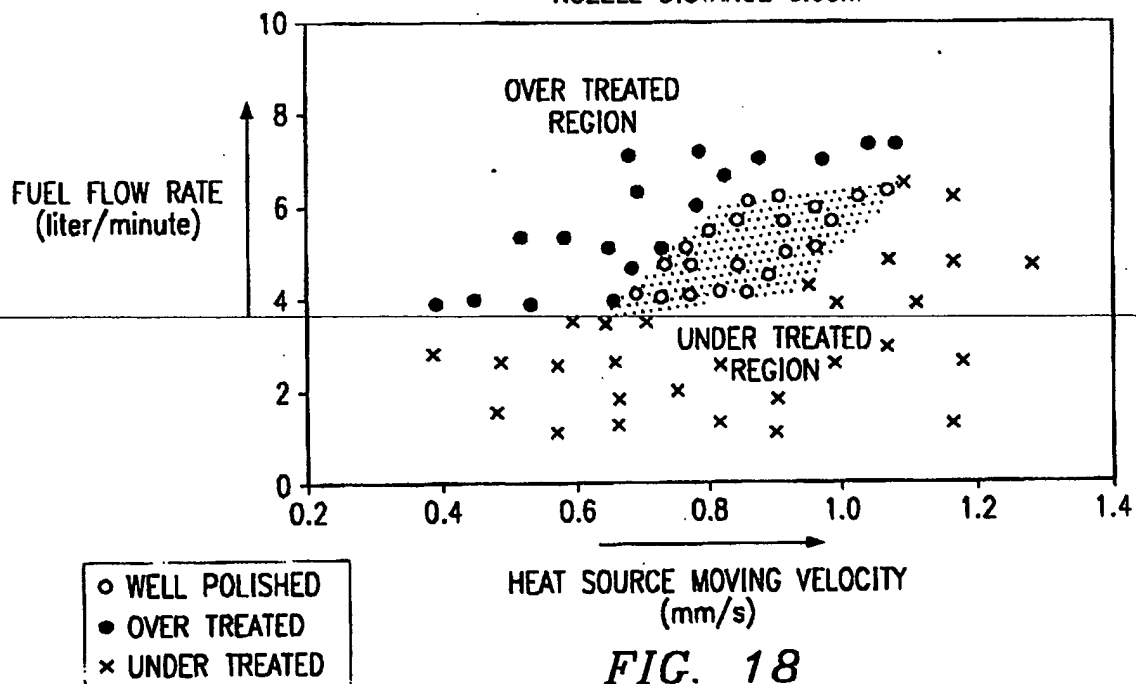


FIG. 18

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ACETYLENE: OXYGEN MIX (RATIO 1:1:2)
NOZZLE DISTANCE 5.8cm
TILT ANGLE 2°

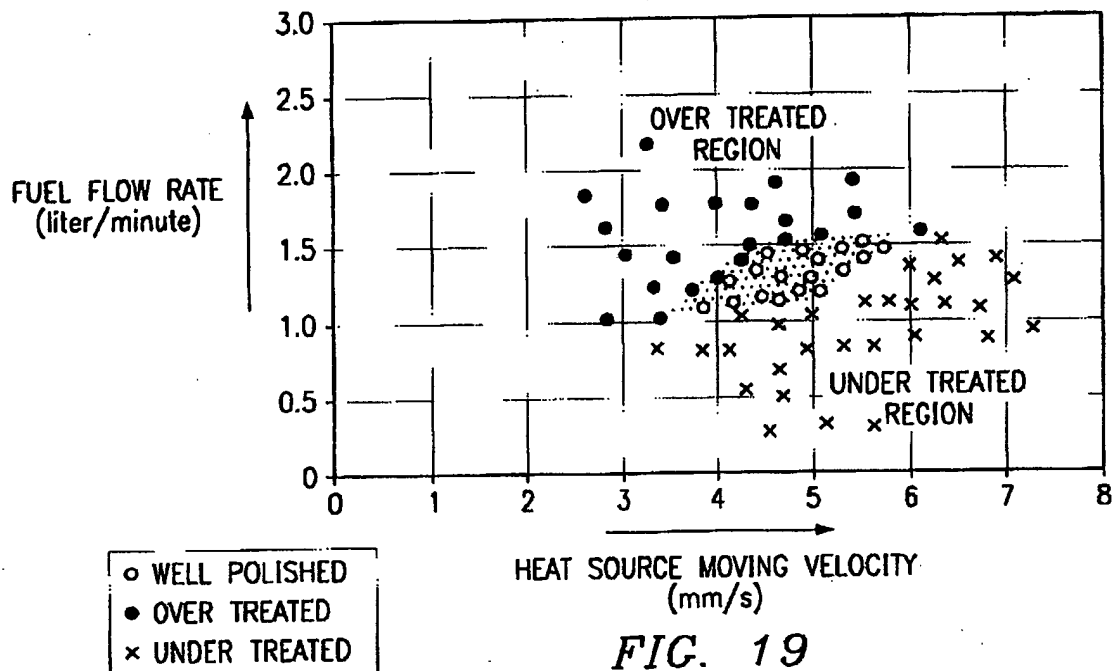


FIG. 19

ACETYLENE: OXYGEN MIX (RATIO 1:1:2)
NOZZLE DISTANCE 3.5cm
TILT ANGLE 2°

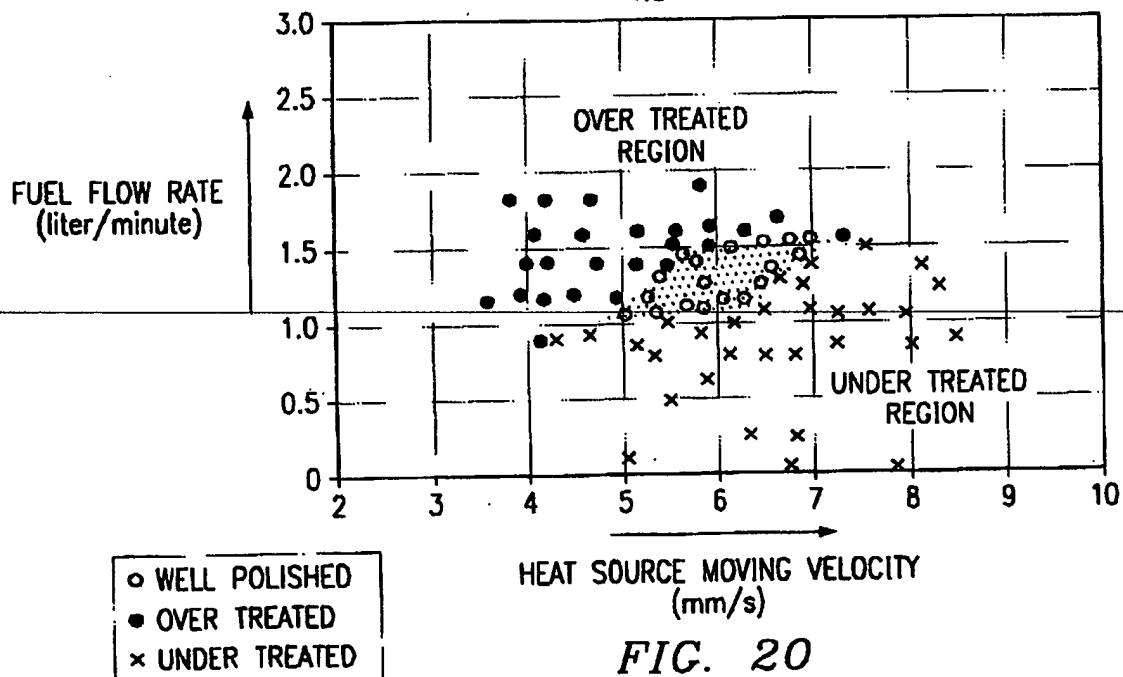


FIG. 20